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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/537,424	10/11/2005	Karl Jones	UDL0171PUSA	2670
22045	7590	09/03/2008		
BROOKS KUSHMAN P.C. 1000 TOWN CENTER TWENTY-SECOND FLOOR SOUTHFIELD, MI 48075			EXAMINER BRADFORD, CANDACE L	
			ART UNIT 3634	PAPER NUMBER
			MAIL DATE 09/03/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/537,424	Applicant(s) JONES ET AL.	
	Examiner CANDACE L. BRADFORD	Art Unit 3634	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 June 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/2/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

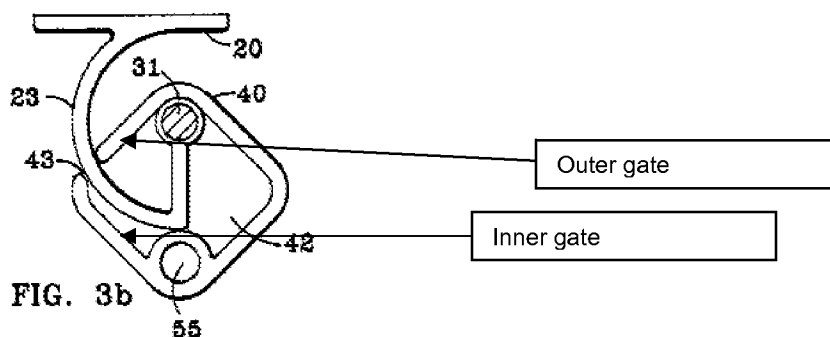
Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses a traveller for a fall arrest system comprising a body, as best seen in Figures 3a-3b, having a passage 42, therethrough, a slot, 43 narrower than the passage linking the passage to the exterior of the body, and a load member 55, suitable to attach the traveller to fall safety equipment, the slot being formed between an inner gate extending outwardly relative to the passage and an outer gate extending inwardly relative to the passage, the inner gate and outer gate having respective opposed convex surfaces defining the slot between them, the traveller being arranged such that when the traveller is mounted on a support the inner gate and outer gate lie on a common radius of respective concentric circles about the support.



Claim 2 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses a support for a safety line in a fall arrest system comprising a support section 21, suitable for retaining a safety line 31, and attachment means for attaching the support to a structure, as best seen in Figure 8, the supporting section and the attachment means being connected by an arm 23, the arm having a tangential section narrower than the safety line and extending substantially tangentially relative to a safety line retained in the supporting section, as best seen in Figures 3a-3c

Claim 3 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses a fall arrest system comprising a safety line at least one support and a traveler, as best seen in Figures 3a-3c, in which the support comprises a support section retaining the safety line 31, and an attachment means for attaching the support to a structure, as best seen in Figure 8, the support section and attachment means being connected by an arm 23, having a tangential section narrower than the safety line and extending substantially tangentially relative to the safety line, and the traveller comprising a body having a passage 42, therethrough, a slot 43, narrower than the safety line linking the passage to the exterior of the body and a load member 55, suitable to attach the traveller to fall safety equipment, the slot being formed between an inner gate and an outer gate having respective opposed surfaces defining the slot between them, the inner gate and outer gate being arranged such that when the traveller is mounted on the support within the passage the tangential section of the arm can pass through the slot, as best seen in Figure 3b.

Claim 4 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses a fall arrest system as claimed in claim 3, in which the inner gate extends outwardly relative to the passage, the outer gate extends inwardly relative to the passage, and the slot is defined between convex opposed surfaces of the inner and outer gates, as best seen in Figures 3a-3c.

Claim 5 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses a fall arrest system as claimed in claim 3, in which the traveller is arranged so that when the traveller is mounted on the support the inner gate and outer gate lie on a common radius of respective concentric circles about the safety line, as best seen in Figures 3a-3c.

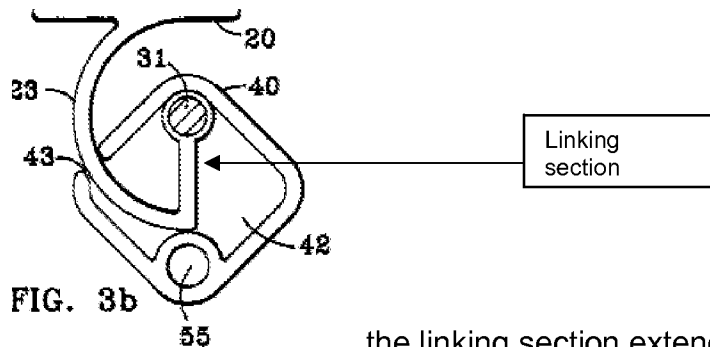
Claim 6 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses an apparatus according to any one of claim 2, in which the support section 21, is a cylindrical tube.

Claim 7 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses an apparatus according to any one of claim 2, in which the tangential section is spaced from the support section 21, as best seen in Figure 3b.

Claim 8 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses an apparatus according to any one of claim 2, in which the tangential section is a flat plate, best seen in Figure 3b.

Claim 9 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses an apparatus according to any one of claim 2, in which the

tangential section and the support section are connected by a linking Section



, the linking section extending in a direction having a radial component relative to said safety line.

Claim 10 is rejected under 35 U.S.C. 102(b) as being anticipated by Noles (5979599). Noles discloses an apparatus according to claim 9, in which the attachment means, tangential section and support section are integrally formed from a single plate, best seen in Figure 3b.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noles (5979599). Noles discloses an apparatus according to claim 1, in which the traveller has a wheel 35, but fails to disclose a traveler with multiple wheels arranged in tandem so that the traveller can be mounted on the wheels on a safety line passing through the passage. It would have been considered obvious to one of ordinary skill in the art, at the time the invention was made, to have multiple wheels, since it has been held that

mere duplication of the essential working parts of a device involves only routine skill in the art. *St. Regis Paper Co. v. Bemis Co.*, 193 USPQ 8, and multiple wheels would obviously provide more stability and control

Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noles (5979599). Noles further discloses an apparatus according to claim 11, in which the load member 55, is located below and between said wheels 35 when the traveller is mounted on the wheels on a safety line 32, as best seen in Figure 6. It would have been considered obvious to one of ordinary skill in the art, at the time the invention was made, to have multiple wheels, since it has been held that mere duplication of the essential working parts of a device involves only routine skill in the art. *St. Regis Paper Co. v. Bemis Co.*, 193 USPQ 8, and multiple wheels would obviously provide more stability and control. If there were two wheels, then inevitably the load member would be located between the wheels when the traveler is mounted on the wheels on the safety line.

Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noles (5979599). Noles further discloses an apparatus according to claim 12, in which the load member 55, is a closed aperture passing through the body.

Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noles (5979599). Noles further discloses an apparatus according to claim 13, in which the wheels 35 are arranged for rotation about respective parallel axes, and the aperture has a flat lower surface extending parallel to a plane in which said axes lie, as best seen in

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Figure 3b. If there were two wheels , then inevitably they would be located to rotate about parallel axes, or else the invention would not work.

Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Noles (5979599). Noles further discloses an apparatus according to claim 14, in which said axes are symmetrically arranged about a longitudinal centre line of the traveller and said lower surface lies on said centre line, as best seen in Figure 3b.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CANDACE L. BRADFORD whose telephone number is (571)272-8967. The examiner can normally be reached on 9am until 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Katherine Mitchell can be reached on (571) 272-7069. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHERINE W MITCHELL/
Supervisory Patent Examiner, Art
Unit 3634

Candace L. Bradford
Patent Examiner
Art Unit 3634
September 1, 2008